BRUHAT BANGALORE MAHANAGARA PALIKE
DASARAHALLI ZONE

Name of Work :- Filling of Pot holes in Main & Cross roads in Bagalagunte ward No 14

			Est. Cost Rs				10.00	Lakhs	
Sl	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB 300-1: Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH Chapter 3. **Page No. 152/ Item No. 19.1/ PWD SR 2013-14**	Cum							
a	Havanoor layout area		20	5.00	0.90	0.30	27.00		
b	Deffence colony area		10	5.00	1.20	0.30	18.00		
c	MS Ramaiah layout area		30	4.00	0.90	0.30	32.40		
d	Bagalagunte Surroundings		20	6.00	0.90	0.30	32.40		
e	Manjunathanagara area		15	7.00	0.90	0.30	28.35		
f	Sidedahalli area		20	4.50	0.90	0.30	24.30		
g	Kirloskar layout		25	6.00	0.90	0.30	40.50		
h	Bhuvaneshwarinagara Area		18	5.00	0.90	0.30	24.30		
i	Mallasandra Pipe line Area		19	7.00	0.90	0.30	35.91		
j	MEI Layout		26	8.00	0.90	0.30	56.16		
k	pipe line road		28	7.00	0.90	0.30	52.92		
l	Sidedahalli Main road		35	8.00	0.90	0.30	75.60		
m	Vishweshvaraiah layout		32	5.00	0.90	0.30	43.20		
n	Munikondappa layout		30	7.00	1.18	0.30	74.34		
	Basic Rate	61.00					**565.38**	**65.88**	**37247.00**
	Area Weightage 8%	4.88							
	Total	**65.88**							
2	KSRRB M400-17: Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam Specifications including premixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per Specifications.MORTH Specification No. 406 Page No. 170/ Item No. 20.18/ PWD SR 2013-14	Cum							
a	Havanoor layout area		20	5.00	0.90	0.20	18.00		
b	Deffence colony area		10	5.00	1.20	0.20	12.00		
c	MS Ramaiah layout area		30	4.00	0.90	0.20	21.60		
d	Bagalagunte Surroundings		20	6.00	0.90	0.20	21.60		
e	Manjunathanagara area		15	7.00	0.90	0.20	18.90		
f	Sidedahalli area		20	4.50	0.90	0.20	16.20		
g	Kirloskar layout		25	6.00	0.90	0.20	27.00		
h	Bhuvaneshwarinagara Area		18	5.00	0.90	0.20	16.20		
i	Mallasandra Pipe line Area		19	7.00	0.90	0.20	23.94		
j	MEI Layout		26	8.00	0.90	0.20	37.44		
k	pipe line road		28	7.00	0.90	0.20	35.28		
l	Sidedahalli Main road		35	8.00	0.90	0.20	50.40		
m	Vishweshvaraiah layout		32	5.00	0.90	0.20	28.80		

	...pa layout		30	7.00	1.18	0.20	49.56		
	Basic Rate	1038.00					**376.9**	**1121.04**	**422542.00**
	Area Weightage 8%	83.04							
	Total	**1121.04**							
3	KSRRB 500-7: Providing and applying tack coat on the prepared black topped surfaces at 5kg per 10 sqm, heating bitumen in boiler fitted with spray set (Excluding cleaning of road surface) including cost of all Materials, labour, HOM of machineries complete as per specifications. MORTH Chapter 5 **Page No. 176/ Item No. 21.7/ PWD SR 2013-14**	**Sqm**							
a	Havanoor layout area		20	5.00	0.9		90.00		
b	Deffence colony area		10	5.00	0.9		45.00		
c	MS Ramaiah layout area		30	4.00	0.9		108.00		
d	Bagalagunte Surroundings		20	6.00	0.9		108.00		
e	Manjunathanagara area		15	7.00	0.9		94.50		
f	Sidedahalli area		20	4.50	0.9		81.00		
g	Kirloskar layout		25	6.00	0.9		135.00		
h	Bhuvaneshwarinagara Area		18	5.00	0.9		81.00		
i	Mallasandra Pipe line Area		19	7.00	0.9		119.70		
j	MEI Layout		26	8.00	0.9		187.20		
k	pipe line road		28	7.00	0.9		176.40		
l	Sidedahalli Main road		35	8.00	0.9		252.00		
m	Vishweshvaraiah layout		32	5.00	0.9		144.00		
n	Munikondappa layout		30	7.00	1.18		247.80		
	Basic Rate	16.60					**1869.6**	**17.93**	**33522.00**
	Area Weightage 8%	1.33							
	Total	**17.93**							
4	KSRRB M500-17: Providing and laying semi dense bituminous concrete 25mm thick with 100-120 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder at 4.5 to 5% of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH Specification clause No. 500.8 complete in all respects as per specifications. With 80/100 grade bitumen using 40-60 HMP using Mechanical paver **Page No. 178/ Item No. 21.20.5/ PWD SR 2013-14**	**Cum**							
a	Havanoor layout area		20	5.00	0.9	0.025	2.25		
b	Deffence colony area		10	5.00	1.2	0.025	1.50		
c	MS Ramaiah layout area		30	4.00	0.9	0.025	2.70		
d	Bagalagunte Surroundings		20	6.00	0.9	0.025	2.70		
e	Manjunathanagara area		15	7.00	0.9	0.025	2.36		
f	Sidedahalli area		20	4.50	0.9	0.025	2.03		
g	Kirloskar layout		25	6.00	0.9	0.025	3.38		
h	Bhuvaneshwarinagara Area		18	5.00	0.9	0.025	2.03		
i	Mallasandra Pipe line Area		19	7.00	0.9	0.025	2.99		
j	MEI Layout		26	8.00	0.9	0.025	4.68		
k	pipe line road		28	7.00	0.9	0.025	4.41		
l	Sidedahalli Main road		35	8.00	0.9	0.025	6.30		
m	Vishweshvaraiah layout		32	5.00	0.9	0.025	3.60		
n	Munikondappa layout		30	7.00	1.18	0.025	6.20		
	Basic Rate	9069.00					**47.12**	**9794.52**	**461469.00**
	Area Weightage 8%	725.52							

		Total	**9794.52**						
5	of debris to the final place of disposal all lead and lift and as direction by the engineer in charge of the work, lead 4 Km a) Basic rate for haulage of materials as per item No. 17.4/KSRRB : M100-4.1 ..... Rs. 2.00 Tonne/Km b) Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c) Add loading and unloading Item No. 17.1 KSRRB M 100-1 Rs. 62.00 (P.150 Table) SR 2013-14	Cum							
			Qty. Vide Item No.1				**565.38**	78.24	**44235.00**
	Loading and Unloading Charges	62.20							
	Lead 4 KMs 2x1.28x4	10.24							
		72.44							
	Area Weightage @ 8%	5.80							
	Total	**78.24**							
6	Miscellaneous and UnforessenCharges								**985.00**
								Total	**1000000.00**
(Rupees Ten Lakhs Only)									

CERTIFICATE:-

1 The Work spot has been inspected and the work is found to be necessary
2 The Estimate is prepared as per the PW,P & IWTD -SR-2013-14
3 The Provision made in estimate are adequate and essential.
4 This area comes under BBMP limits.

Assistant Engineer
Ward-14

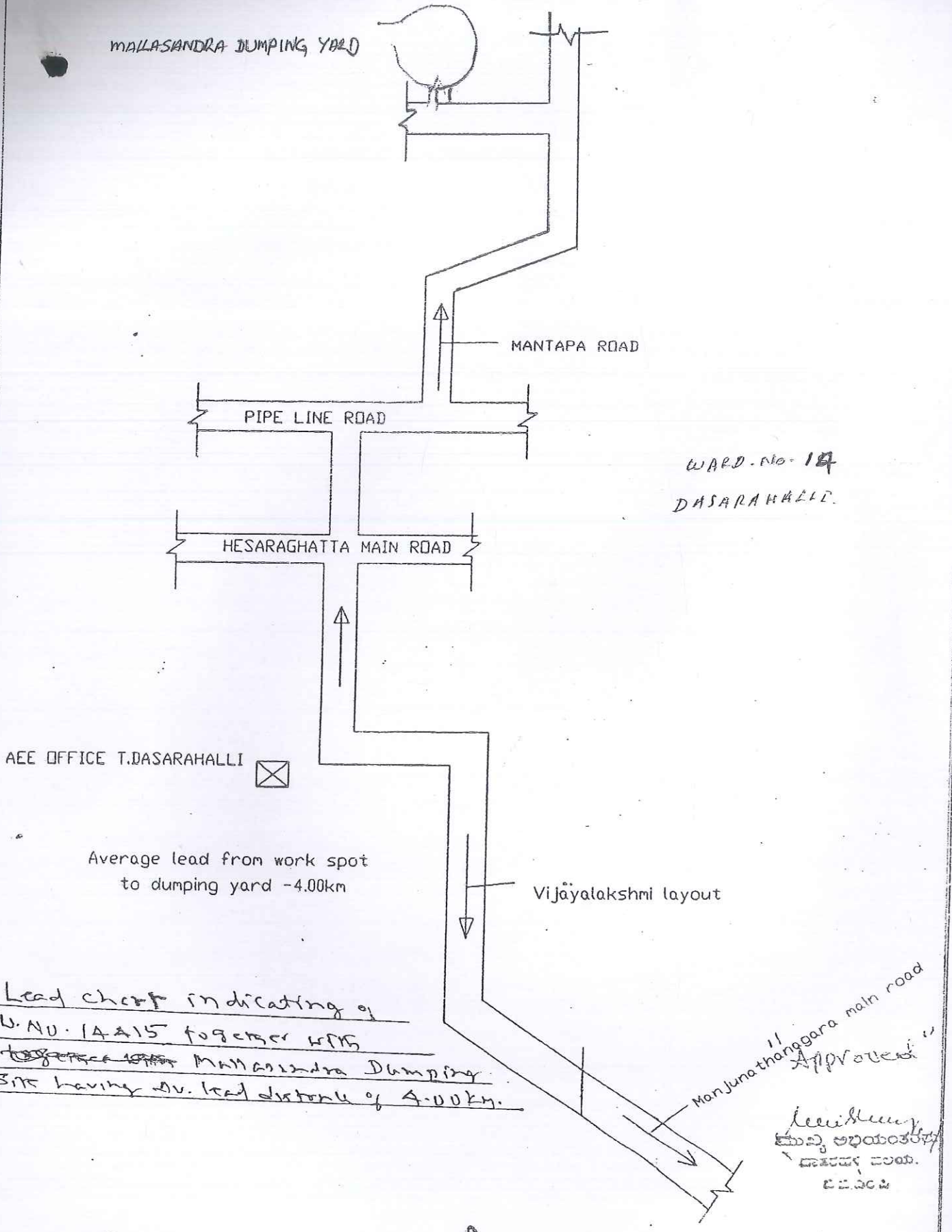
Assistant Executive Engineer
T. Dasarahalli Sub-Division
B.B.M.P

Executive Engineer
Dasarahalli Division
B.B.M.P. Bangalore.

A/S
ನಂ. EC(DH)AS 258/13-14 ದಿನಾಂಕ : 30/10/13
ರೂ. 10.00 Lakhs (Rupees Ten Lakhs only)
ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ.
Page No. 235
Sl. No. 258
ಮುಖ್ಯ ಆಯುಕ್ತರು
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

EE/DD/T.S/212/13-14 ದಿನಾಂಕ : 30.10.2013
ರೂ. 10.00 Lakhs (Rupees ten Lakhs only)
ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ.
P-140
Sl.No.212
ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ.ದಾಸರಹಳ್ಳಿ ವಿಭಾಗ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು

LEAD CHART FOR TRANSPORTING SILT FROM WORK SPOT TO DUMPING YARD



Lead chart indicating of W.No. 14 & 15 together with Mallasandra Dumping Site having Av. lead distance of 4.00 Km.

"Approved"

Assist. Engineer
Ward no.14 & 15

Assist. Executive Engineer
T.Dasarahalli Sub Division
BBMP

Executive Engineer
Dasarahalli Divison-1
BBMP